



MINOS+ Status Report



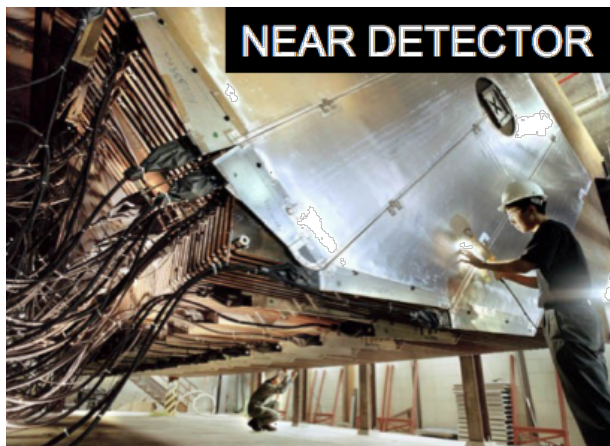
Donatella Torretta
All Experimenters' Meetings
December 8, 2014



Near Detector

DAQ news

- DAQ is running well
- One failure on Saturday night recovered by the MINERvA shifter
- Cooling issues in new DAQ rack resolved:
 - an aluminum plenum was installed last Tuesday during the Booster cavity replacement beam downtime
 - The plenum diverts the air flow from the AC air output from the side of the rack to the front of the computers so it can be sucked in
 - The new setup is working well and we are now running with both rack's doors closed!



Electronics/Detector news

- Fixed one hot channels during last Tuesday's beam downtime
- Replaced Minder for cold channel 7-16-1-0 but the problem remains



Far Detector



DAQ news



- DAQ is running well

Electronics/Detector news

- One intermittent CI low gain channel
- CI Special run taken during Tuesday's beam downtime
- Magnet SM2 (SuperModule2) HV alarmed on Saturday morning:
 - HV card 5-4 failed (16 tubes x 16 pixels x 8 fibers== 2048 dead channels ~= 10 planes)
 - No access to the mine over the weekend
 - Card was replaced this morning during the beam downtime



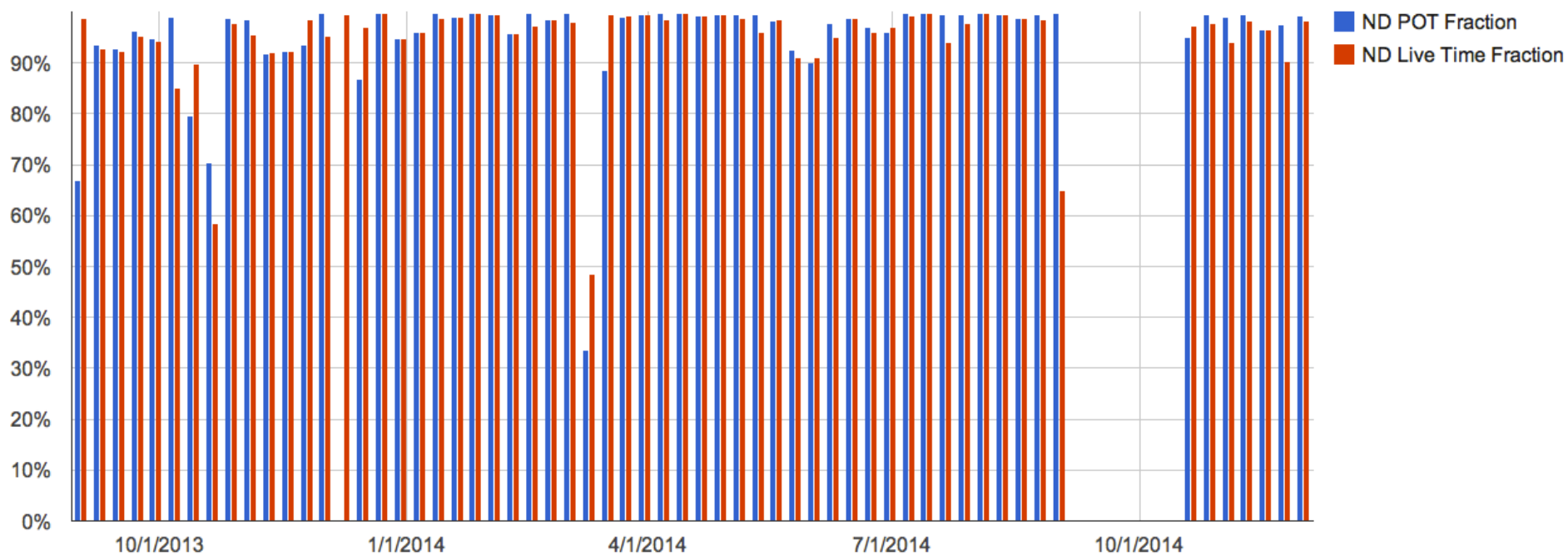
MINOS+ Status



Start Date/Time	End Date/Time	Near Detector		Far Detector	
		POT Fraction	Live Time Fraction	POT Fraction	Live Time Fraction
10/20/2014 00:00:00	10/27/2014 00:00:00	95.1%	97.2%	98.1%	99.8%
10/27/2014 00:00:00	11/03/2014 00:00:00	99.5%	97.8%	87.4%	81.4%
11/03/2014 00:00:00	11/10/2014 00:00:00	99.2%	94%	99.6%	97.5%
11/10/2014 00:00:00	11/17/2014 00:00:00	99.5%	98.3%	99.7%	98.8%
11/17/2014 00:00:00	11/24/2014 00:00:00	96.5%	96.4%	99.7%	99.9%
11/24/2014 00:00:00	12/01/2014 00:00:00	97.4%	90.3%	83.8%	78.0%
12/01/2014 00:00:00	12/08/2014 00:00:00	99.3%	98.3%	90%	91%



ND POT fraction and Live Time Fraction





FD POT Fraction and Live Time Fraction

